



Der p1 - clone 3e

87307™

Description

Organism: *Dermatophagoides pteronyssinus*, house dust mite (HDM)

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

Storage Conditions

Product format: Freeze-dried

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 0.6999999999999996

Type of DNA: cDNA

Insert information:

DESCRIPTION OF INSERT COMPONENT:

Cross references: DNA Seq. Acc.: S66377

Nucleotides 21-686 of the insert correspond to nucleotides ~344-1009 of S66377.

Genome: house dust mite (HDM)

Target gene: cysteine protease

Gene name: cysteine protease

Gene product: cysteine protease [Der p1]

Gene symbol: Der p1

Contains complete coding sequence: Unknown

Insert end: Modification: XbaI linker; Modification: BamHI linker

Vector Information

Construct size (kb): 3.349999904632568

Intact vector size: 2.686

Vector name: pUC18

Type of vector: plasmid

Construction: pUC71K

Host range: *Escherichia coli*

Vector end: BamHI; XbaI

Vector information:

Cross references: DNA Seq. Acc.: L08752

Cloning sites: HindIII; SphI; PstI; SalI; AccI; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Insert detection: lacZ', <-

Markers: ampR

MCS: HindIII...EcoRI, ->

Polylinker sites: HindIII; SphI; PstI; SalI; AccI; HincII; XbaI; BamHI; SmaI; KpnI; SacI; EcoRI

Promoters: lac

Replicon: pMB1, <-

Growth Conditions

Medium:

ATCC Medium 1227: LB Medium (ATCC medium 1065) with 50 mcg/ml ampicillin

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): BamHI/XbaI--2.7, 0.7; HindIII--3.0, 0.35; PvuII--2.3, 0.75, 0.3.

- ATCC staff

Insert contains the following restriction sites (approximate kb from the 5' end): ClaI--0.06, 0.30, 0.64; HindIII--0.41; NdeI--0.67; PstI--0.03; PvuII--0.05.

- GenBank/EMBL/DDBJ

Insert contains the complete coding sequence for the mature peptide plus the following 20 bp sequence at the 5' end: 5' - CTAATGTGATTCCAAGCGC - 3'.

- personal communication

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Der p1 - clone 3e (ATCC 87307)

References

References and other information relating to this material are available at www.atcc.org.

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